

Morning Dew Cultivars

47 DANIEL SHAYS HWY
ORANGE, MA 01364
lori@morningdewmass.com
(978) 501-7134
Lic. #MB282152

Sample: 2512AST1005-15082

Strain: Tangie Runtz
Harvest/Production Date: 2025-11-14; Batch Size: g;
Harvest Process Lot: TRF1H16
METRC Batch: 1A40A03000085FD000006002
Report Created: 12/12/2025

M00003580826: M00003580826: Tangie Runtz - Flower

Sanitization

Remediation

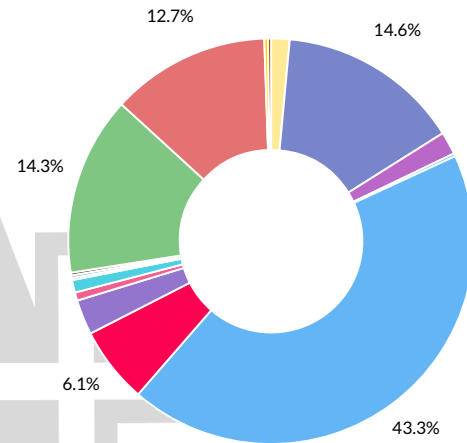


Plant, Flower - Cured, Indoor
METRC Sample: 1A40A03000085FD000006000



Terpenes

- α-Bisabolol
- α-Humulene
- α-Pinene
- α-Terpinene
- β-Caryophyllene
- β-Myrcene
- β-Pinene
- Camphene
- Caryophyllene Oxide
- cis-Ocimene
- Eucalyptol
- γ-Terpinene
- Limonene
- Linalool
- Terpinolene
- trans-Ocimene



Cannabinoids

18.38%	ND	21.82%
Total THC	Total CBD	Total Cannabinoids

Summary

Complete 1.363%	Pass	Pass	Pass	Fail
Terpenes	Heavy Metals	Mycotoxins	Pesticides	Microbials

Primary Aromas

 Cinnamon	 Hops	 Orange	 Lavender	 Pine
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300 Potash Hill Road
Tyngsborough, MA
(339) 233-4726
<https://www.assuredtestinglab.com/home>
Lic# IL281360

Edward Boumil
Dr. Edward Boumil
Senior Laboratory Technician

Suzanne Rohm
Suzanne Rohm
Laboratory Technician III

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coa.support@confidentlims.com
(866) 506-5866
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Assured Testing Laboratories LLC (ATL) has performed analysis in compliance with ISO 17025-2017. Analysis for terpenes are not a part of ISO 17025-2017 scope of accreditation.

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Cannabinoids Complete

18.38% Total THC	ND Total CBD	21.82% Total Cannabinoids
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Analyte	Method Detection Limit	Results	Results
		%	mg/g
THCa	0.0900	20.67	206.66
Δ9-THC	0.1100	0.26	2.58
Δ8-THC	0.1200	ND	ND
THCVa	0.1000	0.18	1.77
THCV	0.1200	ND	ND
CBDa	0.0800	ND	ND
CBD	0.1300	ND	ND
CBDVa	0.1000	ND	ND
CBDV	0.1200	ND	ND
CBNa	0.1000	ND	ND
CBN	0.1200	ND	ND
CBGa	0.1000	0.50	5.02
CBG	0.1300	ND	ND
CBCa	0.0900	0.21	2.13
CBC	0.1200	ND	ND
CBL	0.1300	ND	ND
Total		21.8176	218.1755

Sample ID: 2512AST1005-15082, Date Received: 12/09/2025; Date Tested: 12/11/2025, Analyst: 155709

Notes:
Total THC = d9 THC + (0.877*THCa), Total CBD = CBD + (0.877*CBDA)
SOP-002, HPLC-UV

Pesticides Pass

Analyte	Method Detection Limit	Results	Status
		PPB	
Bifenazate	2.000	ND	Pass
Bifenthrin	3.000	ND	Pass
Cyfluthrin	28.000	ND	Pass
Etoxazole	3.000	ND	Pass
Imazalil	3.000	ND	Pass
Imidacloprid	3.000	ND	Pass
Myclobutanil	3.000	ND	Pass
Spiromesifen	4.000	ND	Pass
Trifloxystrobin	3.000	ND	Pass

Sample ID: 2512AST1005-15082, Date Received: 12/09/2025; Date Tested: 12/11/2025, Analyst: 164740
SOP-001, LC-MS

Microbials Fail

Analyte	Method Detection Limit	Limit	Results	Status
		CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	ND	Pass
Yeast & Mold	100	10000	76000	Fail
Bile-Tolerant Gram-Negative Bacteria	100	1000	ND	Pass
Coliforms	100	1000	ND	Pass
E. Coli			ND	Pass
Salmonella			ND	Pass

Sample ID: 2512AST1005-15082, Date Received: 12/09/2025; Date Tested: 12/10/2025, Analyst: 152792
Quantitative Fungal Detect: SOP-007, PCR-Microplate
Quantitative Bacterial Detect: SOP-008, PCR-Microplate
Qualitative Bacterial Detect: SOP-009, PCR-Microplate

Heavy Metals Pass

Analyte	Method Detection Limit	Limit	Results	Status
		PPB	PPB	
Arsenic	54.0000	200.0000	ND	Pass
Cadmium	41.0000	200.0000	ND	Pass
Lead	74.0000	500.0000	ND	Pass
Mercury	3.0000	100.0000	3.3590	Pass

Sample ID: 2512AST1005-15082, Date Received: 12/09/2025; Date Tested: 12/10/2025, Analyst: 161903
SOP-003, ICP-MS

Mycotoxins Pass

Analyte	Method Detection Limit	Limit	Results	Status
		PPB	PPB	
Aflatoxin B1	4.0	20.0	ND	Pass
Aflatoxin B2	4.0	20.0	ND	Pass
Aflatoxin G1	4.0	20.0	ND	Pass
Aflatoxin G2	5.0	20.0	ND	Pass
Ochratoxin A	5.0	20.0	ND	Pass
Total Aflatoxins		20.0	ND	Pass

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SOP-001, LC-MS

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Terpenes


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Analyte	Method Detection Limit	Results	
		%	PPM
β-Caryophyllene	2.500	0.590	5900.454
α-Humulene	2.500	0.199	1988.768
Limonene	2.500	0.195	1946.360
Linalool	2.500	0.173	1726.699
β-Myrcene	2.500	0.083	831.892
β-Pinene	2.500	0.038	380.145
α-Pinene	2.500	0.025	248.628
α-Bisabolol	2.500	0.020	200.483
Caryophyllene Oxide	2.500	0.014	136.045
Camphene	2.500	0.009	89.393
Terpinolene	2.500	0.004	38.843
trans-Ocimene	2.500	0.003	34.734
α-Terpinene	2.500	0.003	31.200
γ-Terpinene	2.500	0.003	29.445
Eucalyptol	2.500	0.003	28.429
cis-Ocimene	2.500	0.002	23.208
3-Carene	2.500	ND	ND
cis-Nerolidol	2.500	ND	ND
Geraniol	2.500	ND	ND
Guaiol	2.500	ND	ND
Isopulegol	2.500	ND	ND
p-Cymene	2.500	ND	ND
trans-Nerolidol	2.500	ND	ND
Total		1.363	13634.726


Primary Aromas


Cinnamon


Hops


Orange


Lavender


Pine

Notice of Conformity and Decision Rule: All decisions of "Pass" or "Fail" are determined based upon the limits set forth by the MA Cannabis Control Commission and its regulations. This includes, but is not limited to those denied in 935 CMR 501.000, 935 CMR 500.000, & Protocol for the Sampling and Analysis of Finished Marijuana Products and Marijuana Products for Marijuana Establishments, Medical Marijuana Treatment Centers, and Colocated Marijuana Operations. Assured Testing Laboratories does not apply the reported calculation measurement uncertainty to manufacturer or other sources of tolerance/specifications to determine a test result's pass or fail status. It is the responsibility of the end user to consider the measurement uncertainty when determining the instrument suitability. SOP-005, GC-MS

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